

CONFIDENTIAL

NPIC/TDS/D-601-67
3 January 1967

MEMORANDUM FOR: Assistant for Photographic Analysis

SUBJECT : Fiber Optic Stereoviewer

Declass Review by NGA.

1. The Technical Intelligence Division has a definite requirement for additional stereo comparators (attached). The type of comparator required is not available on the market and cannot be developed and purchased within a reasonable time frame.

2. TID is currently utilizing their Stereoscopic Point Transfer Device [] as a stereo comparator. This instrument is fundamentally the same as your [] 552A, Fiber Optics Stereoviewer with the exception of a laser marking system and shaft encoders on the ball screws.

3. A Fiber Optic Viewer can be made into a 2.5 micron stereocomparator by the addition of 4 shaft encoders, more precise ball screws, a [] electronics package and some refinement of the guide ways.

4. PAG representatives have on numerous occasions stated that your Fiber Optic Viewer serves no functional purpose, is not used, and is just taking up space. Since this is a very expensive piece of equipment it is only economically prudent that it be put to use if at all possible.

5. The TDS recommends that the instrument be transferred to TID and that TDS make the necessary modifications to permit its use as a precision roll-film stereocomparator.

6. The current fiscal year R&D budget contains funds which are programmed against this modification. Due to the present budget situation, an immediate decision is required if we are to accomplish this task with FY 1967 funds. For this reason it is requested that you forward your concurrence or objections to our recommendation by 6 January 1967.

[]
Colonel, USAF
Assistant for Technical Development, NPIC

Attachment: (1)
Memo TID-218/66

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SUBJECT: Fiber Optic Stereoviewer

CONCUR: _____

Date

Distribution:

Original and 1 - Addressee
1 - TDS File
3 - TDS/DS File

NPIC/TDS/ (3 January 1966)

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TID-218/66
30 December 1966

MEMORANDUM FOR: Assistant for Technical Development, NPIC

SUBJECT: Stereoscopic Mensuration Equipment

X1 1. At a recent briefing on the progress of the High Precision Stereo Comparator contract, [] of your staff indicated that it will be a minimum of $3\frac{1}{2}$ years before TID can expect to have the instrument in-house. Based on this information and the projected increase in mensuration requirements for the next 3 years, an apparent need exists for an interim type stereoscopic mensuration instrument to help handle the mensuration requirements during this period. A survey of the instruments available on the open market failed to produce a satisfactory instrument.

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X1 2. Verbal information from a recent TDB meeting indicates that the [] Fiber Optic Viewers in [] are not being fully utilized. Since this is basically the same instrument as TID's Stereo Point Transfer Device, it appears that they might be modified to meet this need. The TDS is requested to investigate the possibility of obtaining and digitizing one of these viewers for use in TID during the interim period.

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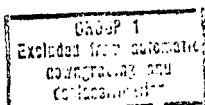
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Deputy Chief
Technical Intelligence Division, NPIC

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